

FIFTY-SIXTH ANNUAL REPORT  
OF  
THE TRUSTEES  
OF THE  
TAUNTON STATE HOSPITAL,  
FOR THE  
YEAR ENDING NOVEMBER 30, 1909.



BOSTON:  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1910.



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MASS. LEGISLATIVE JOURNAL

NOV 30 1890

STATE HOUSE, BOSTON

*Officers of Govt.*

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# OFFICERS

## OF THE

# TAUNTON STATE HOSPITAL.

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### TRUSTEES.

JAMES P. FRANCIS, . . . . .	NEW BEDFORD.
ELIZABETH C. M. GIFFORD ( <i>Secretary</i> ), . . . . .	BOSTON.
SUSAN E. LEAROYD, . . . . .	WAKEFIELD.
LOYED E. CHAMBERLAIN, . . . . .	BROCKTON.
HENRY R. STEDMAN, M.D. ( <i>Chairman</i> ), . . . . .	BROOKLINE.
WILLIAM C. LOVERING, . . . . .	TAUNTON.
SIMEON BORDEN, . . . . .	FALL RIVER.

### RESIDENT OFFICERS.

ARTHUR V. GOSS, M. D., . . . . .	<i>Superintendent.</i>
HORACE G. RIPLEY, M.D., . . . . .	<i>Assistant Physician.</i>
GEORGE K. BUTTERFIELD, M.D., . . . . .	<i>Assistant Physician.</i>
RAOUL G. PROVOST, M.D., . . . . .	<i>Assistant Physician.</i>
DORA W. FAXON, M.D., . . . . .	<i>Assistant Physician.</i>
CHARLES G. McGAFFIN, M.D., . . . . .	<i>Assistant Physician and Pathologist.</i>
JOHN J. THOMPSON, M.D., . . . . .	<i>Interne.</i>
FRED H. FREEMAN, M.D., . . . . .	<i>Interne.</i>
HARRIETTE M. SEAYER, . . . . .	<i>Superintendent of Training School for Nurses.</i>
JAMES C. FLYNN, . . . . .	<i>Engineer.</i>
OTIS E. WHITE, . . . . .	<i>Steward.</i>
WILLIAM S. HILTZ, . . . . .	<i>Farmer.</i>

### TREASURER.

FRANK W. BOYNTON, . . . . .	TAUNTON.
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Office at Hospital.





# The Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Taunton State Hospital have the honor to submit the fifty-sixth annual report of this institution.

During the past year a total of 552 patients were admitted, of whom 283 were men and 269 women. The whole number under treatment was 1,454. Fifty-three were discharged as recovered and 28 others as capable of self-support; 59 were classed simply as improved and 32 as not improved; 115 died.

The per capita cost for maintenance was \$4.68 per week.

In our endeavor to make employment a prominent feature of the care of the patients, the number who have done some kind of daily work has been much increased this year, reaching the highest average in the history of the hospital. In a daily average of 966 inmates, 523 were regularly employed in some useful way, helpful alike to the patients and the hospital. Of this number, 145 were engaged in ward work, leaving 378, or 39 per cent. of the entire number of inmates, occupied in other than ward duties. The amount accomplished — articles of clothing made, etc. — was considerable, as is shown in the superintendent's report.

Two hundred and ten patients have enjoyed the liberty of the grounds unattended, with excellent results as regards their comfort, happiness and health and the general atmosphere of the institution.

The practice of requiring unrecovered patients who are discharged on a six months' trial to report each month in person,

before they are discharged or returned to the hospital, has worked well. It has not only met with little or no opposition, but the renewal of the old friendships which they made while in the hospital has been a pleasant experience to many of them.

The hospital has been far too long without adequate provision in the way of suitable modern appliances for the care and treatment of acute cases. Accordingly plans have been drawn and estimates made whereby an "acute ward" in each wing, equipped with all the apparatus needed for continuous baths and other hydrotherapeutic appliances, will be available for patients. Another feature of the plan is a much-needed ward for tuberculous patients, on the upper floor. For these purposes we shall require an appropriation from the Legislature of \$68,500.

Room is greatly needed for raising the necessary young stock to replenish our herd of cows. We have accordingly made plans and estimates for a cow barn and silo for 50 cows, to be built by our employees and patients. For this we ask an appropriation of \$4,000.

In excavating for the sewerage connection of the hospital with that of the city of Taunton, a ledge of rock was unexpectedly encountered. This obstacle was entirely unforeseen when the estimate for the work was made. A deficiency appropriation, the amount of which will be determined later, will be necessary to meet the increased cost of the work.

Especial attention has been given this year to increasing the means of diversion for the patients, as the superintendent's report will show.

It is with profound regret that we have to record the death of our respected chairman and friend, Nathaniel B. Borden. For eight years he had been a most faithful member of the Board. His painstaking and thorough investigation of the affairs of the institution as they came before us, his deep interest in its success and his sound advice were of great help in our direction of its affairs. The State has suffered a distinct loss by his death, and we, his associates, shall long miss his friendly presence and valuable counsel.

Dr. Benjamin W. Baker, our valued first assistant physician, has to our regret ended by resignation a long term of great usefulness to the hospital in order to engage in private practice.

The trustees desire to commend the efficient services of the medical staff and other officers of the hospital during the past year, and particularly the economical administration of its affairs by the superintendent.

Respectfully submitted,

HENRY R. STEDMAN.  
JAMES P. FRANCIS.  
ELIZABETH C. M. GIFFORD.  
SUSAN E. LEAROYD.  
LOYED E. CHAMBERLAIN.  
WILLIAM C. LOVERING.  
SIMEON BORDEN.

## SUPERINTENDENT'S REPORT.

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*To the Trustees of the Taunton State Hospital.*

In compliance with the by-laws of your Board, I present you with the fifty-sixth annual report of the superintendent, for the year ending Nov. 30, 1909.

At the beginning of the year there were in the hospital 902 patients, — 494 men and 408 women. Within the year 283 men and 269 women were admitted; 244 men and 220 women by commitment, 3 men and 10 women by transfer, and 35 men and 39 women nominally admitted for discharge, making the whole number under treatment 1,454, which is 10 less than were under treatment the previous year.

There were dismissed during the year 459 patients, — 240 men and 219 women, — as follows: 53 were discharged as recovered, 28 as capable of self-support, 59 as improved, 32 as not improved, 2 as not insane, 115 died, 86 were transferred, 3 of those who escaped were at large, and 81 were out on visit at the close of the statistical year. Of the 459 cases dismissed, 8 women were under commitment as dipsomaniacs or inebriates. Of these, 3 were discharged as capable of self-support, 2 as improved, and 3 were out on visit Oct. 1, 1909. The daily average number of patients was 966.73, which is 33.03 more than the previous year.

Of those discharged recovered, 10 had been insane less than one month, 24 less than twelve months, and the whole duration of insanity in 64 per cent. of those who recovered did not exceed one year.

The transfers by the State Board of Insanity were as follows: 40 to the Foxborough State Hospital, 29 to the Medfield State Asylum, 2 to the Monson State Hospital, 2 to the State Hospital at Tewksbury, 2 to the Boston State Hospital, 1 to McLean



Hospital, 1 to the School for the Feeble-minded at Waltham, 1 to Dr. Coon's private hospital at East Walpole, 9 to family care, 26 were removed from the State, having no settlement in the State, and 9 were deported by the Commissioners of Immigration.

The number of recoveries was 4 more than last year. The percentage of recoveries calculated on the admissions was 11.4; calculated on the discharges it was 13.9.

One hundred and fifteen patients died during the year, 17 less than last year. Ten died of general paralysis, while 14 general paralytics died from general causes; 7 of some form of tuberculosis; 8 of cerebral hemorrhage, and 15 of some form of chronic disease of the heart and arteries. Of those dying of acute disorders, 25 died of some form of pneumonia, 13 of acute gastric and intestinal disorders, 2 of typhoid fever, and 1 of suicide by hanging. The percentage of deaths calculated on the daily average number of patients was 11.8; calculated on the whole number under treatment, 7.9. There were 7 cases of malaria, 5 of which were known to be secondary.

There were 30 cases of pneumonia, of which 24 died (these cases, as usual, occurred for the most part in old persons, worn out by age and disease, whose power of resistance was practically gone); 11 cases of erysipelas, with no deaths; 50 cases of dysentery, with 1 death; 32 cases of other acute enteric disorders, with 15 deaths. Cases of tuberculosis at present showing more or less active symptoms are 16 in number, — 4 men and 12 women.

In October, 1908, we had 6 cases of typhoid fever, — 4 patients, 3 women and 1 man, and 2 nurses, both women. The origin of these cases is not positive, but 5 probably originated from the first case, that of a young woman who had been in the hospital more than a year. She had visitors frequently, who often brought her dainties from home, and she may have been infected in this manner. Last August we had 8 more cases of typhoid fever, all men, — 1 patient and 7 employees. These cases probably originated from the first case, a nurse, who was taken sick while at home on a visit. Of these 14 cases 3 — 2 patients and 1 nurse — died.

Nine patients escaped during the year, 6 of whom were re-

turned. The per capita cost of maintenance for the year was \$4.68 per week.

Nine hundred and thirty-five patients — 583 men and 352 women — have been employed on the wards and in the various departments of the hospital. Careful attention has been given to providing varied, appropriate and useful employment for as many patients as possible.

In January last a tailor shop was opened in the room in the industrial building formerly used as a brush shop, but which has been used as a storeroom since the manufacture of brushes was abandoned. Since the shop was opened we have manufactured and repaired by the labor of male patients, the only employee being the foreman, who does the cutting and directs the work, all the outside clothing worn by our male patients. The output of the sewing room has been increased until now practically all the clothing for our women patients is made and repaired there. At the present time, therefore, we make and repair all the shoes, slippers and clothing worn by our patients, with the exception of stockings and knit underwear. Recognizing that the opportunities for out-of-door work are greater for men than for women, a selected number of women patients were employed during the season cutting greens, picking peas, beans, etc. It is our intention to extend their employment in that direction as the results are gratifying.

Two hundred and ten patients — 173 men and 37 women — have had parole of the grounds at some time during the year. From June until the last of September the verandas were used as out-of-door dormitories, providing accommodation for about 70 patients, and the health and comfort of the whole body was promoted to a considerable degree thereby. It is planned to extend this out-of-door treatment as much as possible.

It was recorded in our last report that a number of selected patients had been permitted to leave the hospital on trial visit on condition that they reported at the hospital, in person, monthly during the trial period. This system has been continued during the past year, with gratifying results. Of the 154 patients who were dismissed on trial visit during the year, 36, or a little over 23 per cent. made monthly reports. These patients were selected by the superintendent, and comprised for

the most part those who, in his judgment, were more likely to fail. Of the 154 patients dismissed on trial visit, 28 were returned before the expiration of the trial period. Of these, only 4 were of those making monthly reports. For the most part these patients apparently enjoyed their monthly visit to the hospital, and frequently after interviewing the superintendent would spend an hour or more on the wards, visiting their old friends. Often after making the last visit they would say, in substance, "I am not going to say 'goodby' now for I intend to come back and see you all again." In some cases we are sure that the advice they received on these visits aided them materially in passing the trial period successfully, and in nearly all cases mutual confidence between physician and patient was promoted. Only 3 patients showed any reluctance to make the monthly visits and none of them showed any repugnance. Nearly all of them recognized that they had been ill, and had been helped at the hospital, and were willing, and in some cases anxious, to be advised.

Eight patients — 5 men and 3 women — were received by voluntary commitment.

Dr. Everett M. Brown has satisfactorily done the necessary dental work of the hospital for the year, 524 different patients receiving treatment.

Fifteen pupils — 3 men and 12 women — graduated from the training school in June. At the graduating exercises the general address was delivered by Dr. Silas D. Presbrey, president of the Massachusetts Medical Society, and diplomas were presented to the graduating class, with an appropriate address, by Dr. Henry R. Stedman, chairman of your Board. The school now has 31 pupils, — 4 men and 27 women.

The year has been a very busy one in the work of repair and improvement. New floors throughout have been laid in wards 7 and 8, male. The old dwelling house at the Raynham farm is in process of repair, and the trunk line sewer, to connect the hospital sewerage system with the city sewer, is in process of construction. All of the above are provided for by special appropriations. Some of the most important of the ordinary repairs, renewals and improvements are as follows: repairs have been completed in the horse stable; a new floor has been



laid in the kitchen; in the kitchen also a new hood, with exhaust fan, has been put over the steam kettles, — a most valuable and necessary improvement, and one that has been long needed; the officers' dining room has been enlarged; the nurses' two dining rooms have been equipped with steam tables, with tea and coffee urns; the two lower infirmary wards have been equipped with electric fans, which were the means of much comfort to our most helpless patients during the heated season; two galvanized iron dumb-waiters have been installed, to replace two worn-out wooden ones; all dumb-waiters have been equipped with safety brakes; the front avenue has been wired and equipped with electric lights, replacing the inefficient gas lights. The horizontal hot-water heater, installed in 1906, and which has required frequent repairs, failed completely last winter. It was rebuilt by our engineer and is now giving excellent service. The hot-water heater at the women nurses' home failed last summer and was replaced. It was also found necessary to rebuild entirely all the outside pens at our piggery. This was thoroughly done and the walls capped with cement instead of plank.

Especial care and attention has been given to that most important of our duties, the care and treatment of acute cases. But we are much handicapped for lack of adequate modern appliances. Plans have been drawn and estimates made for an extension of 35 feet to the dining-room extension on both the east and west wings. This will provide, for each wing, a dining-room on the lower floor, with seating capacity of 200; an acute ward, with treatment room equipped with continuous baths and hydrotherapeutic appliances on the middle floor; and a ward for tuberculous patients on the upper floor. The plans call for a piazza 70 feet by 11 feet on each floor, for out-of-door treatment, which is as valuable for acute and convalescent and some chronic patients as for tuberculous patients. By proper management we expect to make use of the piazzas at all times, except during severe storms. Each extension will provide room for 40 patients. It will cost to erect, equip and furnish each extension about \$34,250. We would, therefore, advise that a special appropriation of \$68,500 be asked for to erect, equip and furnish these proposed extensions.



We are glad to be able to report progress in dealing with bovine tuberculosis. Last June only two cows reacted to the tuberculin test, and those, on post-mortem examination, showed no gross tubercular lesions. In order to raise the necessary young stock to replenish our herd, more room is needed, as our present cow stables are only large enough to care for enough cows to supply us with the necessary amount of milk. Plans have been drawn and estimates made for a cow barn 112 feet by 40 feet, with silo, to care for 50 cows, to be erected at the Raynham colony farm by our own employees. We therefore advise that a special appropriation of \$4,000 be asked for for this purpose.

The special appropriation of \$6,800, appropriated by the last General Court "for completing the sewerage system at the Taunton State Hospital and for connecting the same with the sewerage system of the city of Taunton," will be insufficient, owing to unexpected difficulties encountered in excavating. The estimate made did not include "rock excavation," as none was expected, but an unusual amount of ledge and boulders has been already encountered, with prospect of more before the work is finished. It will, therefore, be necessary to ask for a deficiency appropriation, the exact amount of which cannot now be accurately determined.

Continued efforts to provide wholesome entertainment and diversion for our patients have met with gratifying results. From October until May Monday evenings are given up to entertainment. One entertainment by outside talent is provided each month. On the other Monday evenings stereopticon lectures by members of the staff alternate with social dances, which are thoroughly enjoyed. Frequently the capacity of our chapel, which seats about 400, is tested to the uttermost, and on special occasions, like Christmas, all seats and standing room are occupied. Had we capacity for from 50 to 100 more it would be none too large. A new feature was introduced during the past year, an evening of song each week. Each Wednesday evening all who are interested in music meet in the chapel and spend an hour singing, led by our choir. This diversion, begun in a small way as an experiment, has increased steadily in popularity, and is now a recognized feature of our hospital work. During the summer months the weekly game of baseball was attended and thoroughly enjoyed by between 400 and 500 pa-

tients. Eight picnics were given, enabling each patient able to participate to attend two. A new double tennis court was constructed last spring to replace the old one, which was inconveniently located. The new court proved to be an excellent one and has been much enjoyed. Mr. Frederick W. Howes, instructor of music in the Taunton public schools, with some twenty of his high school pupils, gave us a very enjoyable concert. Mrs. Earle Duffy, with the young people of St. John's Parish, gave a drama, with their usual success. Rev. Malcolm Taylor on Christmas Eve gave a most interesting and instructive lecture on Palestine. Papers and periodicals were contributed by Dr. Henry R. Stedman of Brookline, Mass., and by Mrs. George H. Johnson, Mrs. William McAusland and the Salvation Army of this city. "The New Bedford Daily Mercury" and the "Old Colony Memorial" were received free of charge, as for many years.

Dr. Benjamin W. Baker, first assistant physician, resigned last summer, his resignation taking effect October 1. His departure is felt as a personal loss by all with whom he came in contact. Careful, farseeing, of good judgment, faithful and loyal, he was a most valuable servant of the State. Dr. Horace G. Ripley was promoted to the position left vacant by Dr. Baker's resignation. Dr. George K. Butterfield was promoted to the position of second assistant physician, and Dr. Raoul G. Provost to the position of third assistant physician. Dr. Charles G. McGaffin was appointed pathologist and assistant physician. Dr. G. B. McMurray and Dr. Fred H. Freeman were appointed internes. Dr. McMurray resigned in October. Dr. John J. Thompson resigned as interne and was reappointed in October. Miss M. O. Thompson, supervisor, resigned last summer, much to our regret. She was succeeded by Miss Margaret A. McIntosh, graduate of our training school, 1905. Miss Jessie McLennon, who had faithfully discharged the trying duties of night supervisor for several years, resigned her position last summer, and was succeeded by Miss Margaret M. Cochrane, graduate of our training school, 1907. Miss Grace A. Jones resigned her position as laundress last spring. She had served the hospital faithfully many years, but was forced by failing health to give up her work. She was succeeded by Miss Almira

J. Burwell, Providence, R. I. Mrs. Nelson W. Barr, seamstress for many years, resigned, owing to failing health, and was succeeded by Miss Alice L. Aborn of Belfast, Me.

It is my painful duty to record the death of Mr. Nathaniel B. Borden, a member of your Board, and at the time of his death its chairman. The wisdom of his counsel, fully appreciated while he was living, is a loss indeed to those who profited by it. As devoted to the affairs of the hospital as to his own private business, he was a faithful and loyal servant of the State. His last official act, only a few days before his death, was to outline the annual report of the trustees for the year 1908. He was indeed faithful unto death.

Once more we wish to express our appreciation of the hearty co-operation of the officers and employees with the administration. It has always been characteristic of this hospital and we hope it ever may. The hearty support and co-operation of your Board has been a great help and encouragement, and we shall strive ever to advance.

ARTHUR V. GOSS,

*Superintendent.*

## PATHOLOGIST'S REPORT.

---

The following is the report of the work done in the pathological department for the year ending Nov. 30, 1909. There have been 135 deaths during that time, and of these, 32 autopsies were performed, or 23.6 per cent. This is a marked increase over the last two years and is encouraging to more work in the future. Such examinations aid greatly our understanding of the morbid process, and clinical symptoms are better understood. Each investigation presents something of interest, and the advantages gained thereby need no further emphasis.

The psychoses in the cases coming to autopsy were as follows:—

General paralysis, . . . . .	11	Involution psychosis, . . . . .	1
Senile dementia, . . . . .	9	Korsakow's psychosis, . . . . .	1
Manic-depressive insanity, . . . . .	3	Tabetic psychosis, . . . . .	1
Dementia præcox, . . . . .	3		
Organic brain disease, . . . . .	2		32
Acute delirium, . . . . .	1		

The cause of death, with the accompanying psychosis in each case, follows:—

<i>Cause of Death.</i>	<i>Psychosis.</i>
I. Bronchopneumonia, . . . . .	Organic brain disease.
II. Acute enteritis with bronchopneumonia, . . . . .	Senile dementia.
III. Septicæmia, . . . . .	Manic-depressive insanity.
IV. Bronchopneumonia, . . . . .	Senile dementia.
V. Organic heart disease, . . . . .	General paralysis.
VI. Acute gastritis with lobar pneumonia, . . . . .	Manic-depressive insanity.
VII. Cerebral hemorrhage with uremic convulsions, . . . . .	General paralysis.
VIII. Influenza with lobar pneumonia, . . . . .	Senile dementia.



<i>Cause of Death.</i>	<i>Psychosis.</i>
IX. Lobar pneumonia, . . . .	Senile dementia.
X. Bronchopneumonia, . . . .	Senile dementia.
XI. Septicæmia, . . . .	General paralysis.
XII. Lobar pneumonia with fracture of femur, . . . .	Organic brain disease.
XIII. Pulmonary tuberculosis, . . . .	Acute delirium.
XIV. Pulmonary tuberculosis, . . . .	Dementia præcox.
XV. Bronchopneumonia, . . . .	General paralysis.
XVI. Chronic pericarditis, . . . .	General paralysis.
XVII. Gangrene of foot, . . . .	Senile dementia.
XVIII. Bronchopneumonia, . . . .	General paralysis.
XIX. Cerebral hemorrhage, . . . .	General paralysis.
XX. Bronchopneumonia, . . . .	Senile dementia.
XXI. Acute enteritis, . . . .	General paralysis.
XXII. Chronic myocarditis, . . . .	General paralysis.
XXIII. Hemorrhagic cystitis with organic heart disease, . . . .	Involution psychosis.
XXIV. General tuberculosis, . . . .	Korsakow's psychosis.
XXV. Lobar pneumonia with chronic dif- fuse nephritis, . . . .	Dementia præcox.
XXVI. Chronic fibrous endocarditis with general arteriosclerosis, . . . .	Manic-depressive insanity.
XXVII. Tabes dorsalis with chronic cystitis,	Tabetic psychosis.
XXVIII. Acute enterocolitis, . . . .	Senile dementia.
XXIX. Bronchopneumonia, . . . .	General paralysis.
XXX. Bronchopneumonia, . . . .	Senile dementia.
XXXI. Acute enteritis, . . . .	Dementia præcox.
XXXII. General paralysis with convulsions,	General paralysis.

In connection with the clinical work, a specimen of each patient's urine is examined as soon as possible after commitment, and as often as any symptoms arise. Besides this routine there are bacteriological stainings, blood counts, serum tests, examinations of stomach contents, feces, etc.

A careful search was made of the excreta of an employee who was suspected to be a typhoid carrier, but the bacillus typhosus was not demonstrated.

New and larger quarters have been built for the test animals and we are now well equipped in that department.

A new system of numbering for the autopsies has been adopted and is working satisfactorily.

It has been our endeavor to keep the pathological and clinical

departments in as close relationship as possible. In our clinical studies we feel that we are making progress. A staff meeting is held five days in the week, from 11 to 12 o'clock, when each physician in turn reports cases, after which the diagnosis, prognosis and treatment are discussed. Permanent records of these meetings are filed in each case presented. These conferences are not a new departure, having been in vogue here for a number of years, but their importance cannot be too often emphasized. They form a most essential part of the duties of the staff, and in no other way do we get as clear an idea of the psychoses under observation.

A new card index is being made, under the direction of the pathologist, of all the different forms of mental disease since the opening of the hospital. In many hundreds of the first cases no diagnosis was made and they have been tabulated in that way. The different terms that have been used from year to year for the same psychosis are being correlated to correspond to our present classification. The heredity is noted in each case where the records give any such family history. When completed it will form an important addition to the statistics not only of this hospital but of psychiatry in general.

During the year original articles by members of the staff have been presented before the American Medico-Psychological Association, the New England Society of Psychiatry and the local branch of the State Medical Society.

CHARLES G. McGAFFIN,  
*Pathologist.*

# TREASURER'S REPORT.

To the Trustees of the Taunton State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1909.

## CASH ACCOUNT.

Balance Dec. 1, 1908,	\$5,000 00
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## Receipts.

### *Institution Receipts.*

Board of inmates : —

Private,	\$23,165 52
Reimbursements,	11,709 93
Cities and towns,	220 54

\$35,095 99

Salaries, wages and labor : —

Labor of employees,	4 00
---------------------	------

Sales : —

Food,	\$15 98
Clothing and materials,	426 38
Heat, light and power,	4 23
Repairs and improvements,	56 36
Miscellaneous,	1 05

504 00

Farm, stable and grounds : —

Pigs and hogs,	\$19 00
Ice,	3 09
Sundries,	38 86

60 95

Miscellaneous receipts : —

Interest on bank balances,	\$233 35
Rent,	136 00
Sundries,	166 79

536 14

36,201 08

### *Receipts from Treasury of Commonwealth.*

Maintenance appropriations : —

Balance of 1908,	\$11,024 03
Advance money,	15,000 00
Approved schedules of 1909,	215,952 86

241,976 89

Special appropriations,

4,336 71

Total,	\$287,514 68
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*Payments.*

To treasury of Commonwealth, institution receipts,	\$36,201 08	
Maintenance appropriations :—		
Balance November schedule, 1908, . . . . .	16,024 03	
Eleven months' schedules, 1909, . . . . .	220,952 86	
November advances, . . . . .	6,862 33	
	<hr/>	\$280,040 30
Special appropriations :—		
Approved schedules, . . . . .		4,336 71
Balance Nov. 30, 1909 :—		
In bank, . . . . .	\$2,791 84	
In office, . . . . .	345 83	
	<hr/>	3,137 67
Total, . . . . .		<hr/> \$287,514 68

## MAINTENANCE.

Appropriation, . . . . .	\$236,600 00
Expenses (as analyzed below), . . . . .	236,594 00
	<hr/>
Balance reverting to treasury of Commonwealth, . . . . .	\$6 00

*Analysis of Expenses.*

Salaries, wages and labor :—		
General administration, . . . . .	\$30,924 59	
Medical service, . . . . .	10,745 82	
Ward service (male), . . . . .	20,882 52	
Ward service (female), . . . . .	20,490 77	
Repairs and improvements, . . . . .	7,313 32	
Farm, stable and grounds, . . . . .	7,954 61	
	<hr/>	\$98,311 63
Food :—		
Butter, . . . . .	\$9,718 16	
Butterine, . . . . .	3,430 19	
Beans, . . . . .	649 40	
Bread and crackers, . . . . .	612 19	
Cereals, rice, meal, etc., . . . . .	1,311 70	
Cheese, . . . . .	96 91	
Eggs, . . . . .	3,518 13	
Flour, . . . . .	8,370 05	
Fish, . . . . .	2,487 87	
Fruit (dried and fresh), . . . . .	4,379 87	
Meats, . . . . .	13,046 02	
Milk, . . . . .	1,285 88	
Molasses and syrup, . . . . .	280 78	
Sugar, . . . . .	2,954 65	
Tea, coffee, broma and cocoa, . . . . .	2,541 18	
Vegetables, . . . . .	2,890 01	
Sundries, . . . . .	2,426 93	
	<hr/>	59,999 92
Clothing and materials :—		
Boots, shoes and rubbers, . . . . .	\$374 06	
Clothing, . . . . .	15 64	
	<hr/>	
Amounts carried forward, . . . . .	\$389 70	\$158,311 55



<i>Amounts brought forward,</i>	\$389 70	\$158,311 55
<b>Clothing and materials — <i>Con.</i></b>		
Dry goods for clothing and small wares,	2,781 62	
Furnishing goods,	857 48	
Hats and caps,	185 58	
Leather and shoe findings,	1,172 20	
Sundries,	463 21	
		5,849 79
<b>Furnishings : —</b>		
Beds, bedding, table linen, etc.,	\$7,368 86	
Brushes, brooms,	388 01	
Carpets, rugs, etc.,	765 80	
Crockery, glassware, cutlery, etc.,	1,152 95	
Furniture and upholstery,	671 20	
Kitchen furnishings,	472 18	
Wooden ware, buckets, pails, etc.,	219 41	
Sundries,	397 29	
		11,435 70
<b>Heat, light and power : —</b>		
Coal,	\$16,420 96	
Freight on coal,	768 39	
Gas,	628 68	
Oil,	419 36	
Sundries,	94 37	
		18,331 76
<b>Repairs and improvements : —</b>		
Brick,	\$107 63	
Cement, lime and plaster,	157 15	
Doors, sashes, etc.,	12 04	
Electrical work and supplies,	481 20	
Hardware,	350 17	
Lumber,	506 31	
Machinery, etc.,	530 00	
Paints, oil, glass, etc.,	1,420 75	
Plumbing, steam fitting and supplies,	1,326 86	
Roofing and materials,	99 05	
Sundries,	3,431 88	
		8,423 04
<b>Farm, stable and grounds : —</b>		
Blacksmith and supplies,	\$513 14	
Carriages, wagons, etc., and repairs,	640 05	
Fertilizers, vines, seeds, etc.,	1,395 11	
Hay, grain, etc.,	9,674 96	
Harnesses and repairs,	236 26	
Horses,	275 00	
Cows,	887 50	
Other live stock,	571 00	
Rent,	25 00	
Tools, farm machines, etc.,	366 05	
Sundries,	1,257 70	
		15,841 77
<b>Miscellaneous : —</b>		
Books, periodicals, etc.,	\$311 16	
Chapel services and entertainments,	1,496 62	
<i>Amounts carried forward,</i>	\$1,807 78	\$218,193 61

*Amounts brought forward,* . . . . \$1,807 78 \$218,193 61

Miscellaneous — *Con.*

Freight, expressage and transportation, . . . . .	1,984 32	
Funeral expenses, . . . . .	64 38	
Hose, etc., . . . . .	119 77	
Medicines and hospital supplies, . . . . .	2,531 64	
Medical attendance, nurses, etc. (extra), . . . . .	313 06	
Postage, . . . . .	491 44	
Printing and printing supplies, . . . . .	475 05	
Printing annual report, . . . . .	189 86	
Return of runaways, . . . . .	41 30	
Soap and laundry supplies, . . . . .	1,509 67	
Stationery and office supplies, . . . . .	473 67	
School books and school supplies, . . . . .	9 90	
Travel and expenses (officials), . . . . .	706 14	
Telephone and telegraph, . . . . .	729 75	
Tobacco, . . . . .	988 07	
Water, . . . . .	3,747 61	
Sundries, . . . . .	2,216 98	
		18,400 39
Total expenses for maintenance, . . . . .		\$236,594 00

SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1908, . . . . .		\$2,662 51
Appropriations for fiscal year, . . . . .		6,800 00
Total, . . . . .		\$9,462 51
Expended during the year (see statement annexed),	\$4,336 71	
Reverting to treasury of Commonwealth, . . . . .	01	
		4,336 72
Balance Nov. 30, 1909, . . . . .		\$5,125 79

RESOURCES AND LIABILITIES.

*Resources.*

Cash on hand, . . . . .	\$3,137 67	
November cash vouchers (paid from advance money),	6,862 33	
Due from treasury of Commonwealth account		
November, 1909, schedule, . . . . .	5,641 14	
		\$15,641 14

*Liabilities.*

Schedule of November bills, . . . . .		\$15,641 14
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Special Appropriations.

OBJECT.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Addition to steam-heating plant and general repairs.	Acts 1906, . . .	\$5,400 00	\$262 50	\$5,399 99	\$0 01 <sup>1</sup>
Addition to old buildings, . . .	Acts 1908, . . .	2,400 00	1,225 72	1,225 72	1,174 28
Sewerage system, . . .	Acts 1909, . . .	6,800 00	2,848 49	2,848 49	3,951 51
		\$14,600 00	\$4,336 71	\$9,474 20	\$5,125 79

<sup>1</sup> Reverting to treasury of Commonwealth.

Respectfully submitted,

FRANK W. BOYNTON,  
*Treasurer.*

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,  
*Assistant Supervisor of Accounts.*

## OFFICERS AND THEIR SALARIES.

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ARTHUR V. GOSS, M.D., <i>Superintendent</i> , . . . .	\$2,500 00
HORACE G. RIPLEY, M.D., <i>Assistant Physician</i> , . . . .	1,500 00
GEORGE K. BUTTERFIELD, M.D., <i>Assistant Physician</i> , . . . .	1,000 00
RAOUL G. PROVOST, M.D., <i>Assistant Physician</i> , . . . .	700 00
DORA W. FAXON, M.D., <i>Assistant Physician</i> , . . . .	800 00
CHARLES G. MCGAFFIN, M.D., <i>Assistant Physician and Pathol- ogist</i> , . . . . .	1,000 00
JOHN J. THOMPSON, M.D., <i>Interne</i> , . . . . .	500 00
FRED H. FREEMAN, M.D., <i>Interne</i> , . . . . .	500 00
FRANK W. BOYNTON, <i>Treasurer</i> , . . . . .	1,200 00
OTIS E. WHITE, <i>Steward</i> , . . . . .	1,200 00
JAMES C. FLYNN, <i>Engineer</i> , . . . . .	1,200 00

## VALUATION.

Nov. 30, 1909.

Land, 333 acres, . . . . .	\$52,875 00	
Hospital buildings, . . . . .	392,000 00	
Barns and stables, . . . . .	51,100 00	
Boiler house buildings, . . . . .	30,000 00	
Laundry building, . . . . .	16,000 00	
Industrial building, . . . . .	12,000 00	
Nurses' home buildings, . . . . .	86,300 00	
Other buildings and wall, . . . . .	22,200 00	
		<hr/>
		\$662,475 00
Live stock on the farms, . . . . .	\$10,652 50	
Produce of the farms on hand, . . . . .	3,723 25	
Carriages and agricultural implements, . . . . .	6,150 00	
Other property of the farms, . . . . .	915 00	
Machinery and mechanical fixtures, . . . . .	47,585 00	
Beds and bedding in inmates' department, . . . . .	32,065 17	
Other furniture in inmates' department, . . . . .	16,346 35	
Personal property of the State in the superin-		
tendent's department, . . . . .	18,025 98	
All other property, . . . . .	2,438 42	
Dry goods and clothing, . . . . .	4,232 20	
Provisions and groceries, . . . . .	3,666 34	
Drugs and medicines, . . . . .	600 00	
Fuel, . . . . .	5,280 00	
Library, . . . . .	2,000 00	
Other supplies undistributed, . . . . .	3,094 75	
		<hr/>
		156,774 96
		<hr/>
		\$819,249 96

## FARM PRODUCE.

VALUE OF FARM PRODUCE FROM DEC. 1, 1908, TO NOV. 30, 1909.

243,794	quarts milk, . . . . .	\$12,189 70
1,780 $\frac{1}{2}$	dozen eggs, . . . . .	623 03
74 $\frac{5}{2}$	boxes asparagus, . . . . .	316 27
146	bushels green beans, . . . . .	146 00
2	bushels dry beans, . . . . .	4 50
47	bushels shell beans, . . . . .	58 75
31	bushels lima beans, . . . . .	46 50
295	bushels beets, . . . . .	147 50
3 $\frac{1}{2}$	bushels beet greens, . . . . .	1 23
18 $\frac{11}{100}$	tons cabbages, . . . . .	362 20
325 $\frac{1}{2}$	bushels carrots, . . . . .	195 30
20	boxes cauliflower, . . . . .	20 00
88	boxes celery, . . . . .	77 80
13	bushels chard, . . . . .	4 55
501	bushels green corn, . . . . .	375 75
63 $\frac{1}{2}$	boxes cucumbers, . . . . .	125 00
3	pecks cucumber pickles, . . . . .	1 20
10	barrels egg plants, . . . . .	20 00
20	bushels kale, . . . . .	6 00
357	boxes lettuce, . . . . .	267 75
20	bushels leeks, . . . . .	7 00
6	crates muskmelons, . . . . .	10 50
221 $\frac{1}{2}$	bushels onions, . . . . .	188 28
24	bushels parsley, . . . . .	12 00
236	bushels parsnips, . . . . .	177 00
142	bushels peas, . . . . .	142 00
79	bushels peppers, . . . . .	59 25
1,340 $\frac{1}{2}$	bushels potatoes, . . . . .	1,273 45
1,930	pounds pumpkins, . . . . .	57 90
155	dozen bunches radishes, . . . . .	38 75
3,815	pounds rhubarb, . . . . .	76 30
118	bushels spinach, . . . . .	47 20
5 $\frac{47}{1000}$	tons winter squash, . . . . .	151 43
9	barrels summer squash, . . . . .	9 00

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*Amount carried forward,* . . . . . \$17,239 09



<i>Amount brought forward,</i>	\$17,239	09
327½ bushels ripe tomatoes,	245	63
75½ bushels green tomatoes,	37	75
264 barrels turnips,	330	00
75 watermelons,	11	25
1 barrel sauerkraut,	3	00
16½ barrels apples,	49	50
107 quarts blackberries,	10	70
602 quarts currants,	66	16
176 quarts gooseberries,	19	36
726 pounds grapes,	21	78
24 quarts raspberries,	2	40
3,648 quarts strawberries,	297	80
½ bushel pears,		50
12,685 pounds beef,	777	13
30,844 pounds pork,	2,467	52
1,029¾ pounds chickens,	226	55
97 <sup>9</sup> / <sub>10</sub> tons hay,	1,726	70
283¾ tons ensilage,	1,418	75
14¾ tons grass,	73	75
6 tons green rye,	30	00
9 tons green corn fodder,	45	00
888 bushels mangel wurzel,	222	00
39,973 feet lumber,	653	44
64½ cords wood,	280	25
42 fence posts,	6	30
13 ducks,	13	00
1 pig,	10	00
31 calves,	62	00
888 pounds bones,	5	48
429 pounds tallow,	13	28
698 bags,	18	66
3,267 pounds hides, grease, junk, etc.,	187	67
	\$26,572	40

## WORK DONE IN THE SEWING ROOM

FROM DEC. 1, 1908, TO NOV. 30, 1909.

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1,624 hall sheets.	36 table covers.
13 officers' sheets.	2 couch covers.
398 draw sheets.	7 leather cushion covers.
11 officers' pillow slips.	66 milk strainers.
4 skirts refitted.	20 coffee strainers.
5 dresses.	162 table cloths.
2 shirt waists.	36 table napkins.
18 strong gingham dresses.	239 long night dresses.
4 skirts altered.	207 short night dresses.
6 shirt waist suits.	534 night shirts.
125 wrappers.	27 rugs bound.
4 camisole sleeves.	14 tray cloths.
3 dusters.	101 kitchen holders.
91 bureau covers.	66 men's braces.
40 commode covers.	24 duck mittens.
5 stand covers.	3 eye blinders.
1,264 bath towels.	12 chemises.
392 attendants' towels.	54 burial night dresses.
48 single roller towels.	47 burial night shirts.
393 bibs.	86 ticking aprons.
111 nurses' apron bibs.	6 duck aprons.
157 nurses' aprons.	138 sausage bags.
594 nurses' caps.	292 buttonholes.
3 men's caps.	132 men's neckties.
105 white aprons.	205 dish cloths.
12 hall laundry bags.	5 blankets hemmed.
24 attendants' laundry bags.	293 men's shirts.
9 laundry bag strings.	80 large squares.
148 mattress ticks.	12 dress sleeves.
22 hassock ticks.	26 hats trimmed.
8 pillow ticks.	20 men's drawers.
99 white curtains.	12 splint straps.
100 sash curtains.	1 T bandage.
5 gingham skirts.	2 splint bandages.
3 flannel skirts.	1 abdominal bandage.
24 chair covers.	4 wrappers made over.

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WORK DONE IN THE SEWING ROOM — *Concluded.*

1 kimono.	3 medicine tray covers.
4 black curtains.	3 bags for silver.
1 skirt made over.	4 strong dresses.
1 pair slippers.	22 glass towels.
6 clothespin bags.	14 hay bed ticks.

MENDING DONE IN SEWING ROOM

FROM DEC. 1, 1908, TO NOV. 30, 1909.

1,318 pairs drawers.	1 union suit.
63 pairs overalls.	42 camisoles.
5,847 pairs stockings.	22 strong gingham dresses.
137 white shirts.	979 under shirts.
996 night shirts.	6 flags.
24 summer coats.	4 table cloths.
1 sweater.	2 apron bibs changed.
2,037 colored shirts.	2 pockets changed.
6 jumpers.	1 bureau scarf.
180 hall laundry bags.	5 wrappers.
9 attendants' laundry bags.	1 coffee bag.
128 ticking aprons.	2 pairs suspenders.
285 hay bed ticks.	2 pillow cases.
70 hay beds made over.	3 carpets.
22 bed spreads.	19 curtains.
18 strong dresses.	

## WORK DONE ON THE WARDS

FROM DEC. 1, 1908, TO NOV. 30, 1909.

34 officers' sheets.	6 stand covers.
280 attendants' sheets.	4 bread covers.
785 hall sheets.	37 dish cloths.
162 draw sheets.	16 dust cloths.
664 pillow slips.	37 white aprons.
79 double roller towels.	116 ticking aprons.
661 single roller towels.	2 gingham skirts.
2,406 bath towels.	11 outing flannel skirts.
592 linen towels.	76 sick cloths.
170 glass towels.	75 attendants' laundry bags.
106 table cloths.	13 pairs men's drawers.
406 table napkins.	1 man's gingham shirt.
26 tray cloths.	148 pairs men's suspenders.
2 sideboard covers.	397 bibs.
18 bureau covers.	22 pairs knitted wristers.
4 commode covers.	9 kitchen holders.

## WORK DONE IN THE UPHOLSTERING DEPARTMENT OF THE INDUSTRIAL BUILDING

FROM DEC. 1, 1908, TO NOV. 30, 1909.

650 mattresses made.	6 hassocks upholstered.
648 pillows made.	22 small cushions upholstered.
590 mattresses renovated.	1 morris chair upholstered.
560 pillows renovated.	1 lounge repaired.
3 lounges upholstered.	1 parlor chair       red.
2 couches upholstered.	2 barber chair       paired.
1 sofa upholstered.	9 long settee cushions repaired.
5 easy chairs upholstered.	4,000 pounds curled hair hand
3 parlor chairs upholstered.	picked.

## WORK DONE IN SHOE AND REPAIR SHOP

FROM DEC. 1, 1908, TO NOV. 30, 1909.

378 pairs shoes made.	103 pairs rubber heels repaired.
980 pairs slippers made.	22 rubber cushions repaired.
1,570 pairs shoes repaired.	12 pairs rubber boots repaired.
103 pairs slippers repaired.	10 pairs rubber lifts put on.
26 straps repaired.	633 pairs rubber heels put on.

## WORK DONE IN TAILOR SHOP

FROM JAN. 4, 1909, TO NOV. 30, 1909.

236 men's coats made.	4,067 men's pants repaired and pressed.
241 men's vests made.	203 men's overcoats repaired and pressed.
496 men's pants made.	5 ladies' coats repaired and pressed.
79 men's shirts made.	15 ladies' skirts repaired and pressed.
158 men's overalls made.	50 men's camisoles repaired.
12 men's camisoles made.	154 blankets repaired.
41 men's jumpers made.	1 truss repaired.
24 pairs men's mittens made.	1 carriage mat repaired.
1 hunting bag made.	36 door mats repaired.
1 carpenter's apron made.	36 rugs repaired.
1 attendant's uniform made.	1 hat repaired.
36 rubber aprons made.	2 piano covers repaired.
3,335 men's coats repaired and pressed.	
1,361 men's vests repaired and pressed.	

WORK DONE IN CHAIR SHOP

FROM DEC. 1, 1908, TO NOV. 30, 1909.

80 chairs caned.	132 settees painted.
790 chairs scraped and varnished.	80 beds painted.
8 stands varnished.	3 bureaus varnished.
13 bed tables varnished.	

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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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1. — General Statistics of the Year.

	INSANE.			NOT INSANE.			DIPSOMANIAC OR INEBRIATE.			AGGREGATES.		
	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.
Patients in hospital Oct. 1, 1908,	494	404	898	—	1	1	—	3	3	494	408	902
Admitted within the year,	284	261	545	—	—	—	—	9	9	284	270	554
Viz.: by commitment,	244	217	461	—	—	—	—	3	3	244	220	464
by transfer,	3	10	13	—	—	—	—	—	—	3	10	13
from escape,	—	—	—	—	—	—	—	—	—	—	—	—
from visit, <sup>1</sup>	37	34	71	—	—	—	—	6	6	37	40	77
Whole number of cases within the year,	778	665	1,443	—	1	1	—	12	12	778	678	1,456
Dismissed within the year,	242	211	453	—	—	—	—	8	8	242	219	461
Viz.: Discharged,	80	91	171	—	—	—	—	5	5	80	96	176
as recovered at time of leaving the hospital,	29	24	53	—	—	—	—	29	24	29	24	53
as capable of self-support,	21	4	25	—	—	—	—	3	3	21	7	28
as improved,	18	40	58	—	—	—	—	2	2	18	42	60
as not improved,	10	23	33	—	—	—	—	10	23	10	23	33
as not insane,	2	—	2	—	—	—	—	—	—	2	—	2
Died,	68	47	115	—	—	—	—	68	47	68	47	115
Transferred,	56	30	86	—	—	—	—	56	30	56	30	86
Escaped,	3	—	3	—	—	—	—	3	—	3	—	3
On trial October 1,	35	43	78	—	—	—	—	35	46	35	46	81
Patients remaining Sept. 30, 1909,	536	454	990	—	1	1	—	4	4	536	459	995
Viz.: supported as State patients,	462	347	809	—	1	1	—	3	3	462	351	813
as private patients,	36	68	104	—	—	—	—	1	1	36	69	105
as reimbursing patients,	38	39	77	—	—	—	—	38	39	38	39	77
Number of different persons within the year,	739	616	1,355	—	1	1	—	7	7	739	624	1,363
Number of persons admitted,	245	211	456	—	—	—	—	9	9	245	220	465
Number of different persons admitted by commitment,	241	207	448	—	—	—	—	3	3	241	210	451
Number of different persons dismissed,	206	174	380	—	—	—	—	3	3	206	177	383
Number of persons recovered,	29	24	53	—	—	—	—	29	24	29	24	53
Number of persons discharged capable of self-support,	21	4	25	—	—	—	—	3	3	21	7	28
Daily average number of patients,	542.10	420.16	962.26	—	—	—	—	3.47	3.47	542.10	424.63	966.73
Viz.: State patients,	471.97	320.88	792.85	—	1	1	—	3.30	3.30	471.97	325.18	797.15
private patients,	35.80	64.16	99.96	—	1	1	—	.17	.17	35.80	64.33	100.13
reimbursing patients,	34.33	35.12	69.45	—	—	—	—	34.33	35.12	34.33	35.12	69.45
Nominally admitted for discharge,	35	34	69	—	—	—	—	5	5	35	39	74

<sup>1</sup> Nominally admitted for discharge.



2. — *Insane received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital, . . . . .	213	172	385
Second to this hospital, . . . . .	24	28	52
Third to this hospital, . . . . .	2	8	10
Fourth to this hospital, . . . . .	2	5	7
Fifth to this hospital, . . . . .	1	2	3
Sixth to this hospital, . . . . .	—	2	2
Eighth to this hospital, . . . . .	2	—	2
Total cases, . . . . .	244	217	461
Total persons, . . . . .	241	207	448
Never before in any hospital for the insane, .	196	157	353

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts, . . . . .	70	36	38	49	23	20	119	59	58
Other New England States, . . . . .	23	15	18	18	15	11	41	30	29
Other States, . . . . .	8	9	10	8	4	4	16	13	14
Total native, . . . . .	101	60	66	75	42	35	176	102	101
Other countries : —									
Austria, . . . . .	1	2	2	1	1	1	2	3	3
Azores, . . . . .	7	6	6	2	2	2	9	8	8
Canada, . . . . .	21	23	21	14	15	16	35	38	37
Cape de Verde, . . . . .	—	1	1	2	1	1	2	2	2
China, . . . . .	4	4	4	—	—	—	4	4	4
England, . . . . .	16	19	16	19	21	20	35	40	36
Finland, . . . . .	—	—	—	1	1	1	1	1	1
France, . . . . .	—	—	—	—	2	—	—	2	—
Germany, . . . . .	1	2	2	2	3	4	3	5	6
Greece, . . . . .	1	1	1	—	—	—	1	1	1
Holland, . . . . .	1	1	1	—	—	—	1	1	1
Ireland, . . . . .	26	44	42	27	46	50	53	90	92
Italy, . . . . .	2	3	3	—	—	—	2	3	3
Philippine Islands, . . . . .	—	—	—	1	1	1	1	1	1
Poland, . . . . .	1	1	1	3	2	2	4	3	3
Portugal, . . . . .	—	—	—	1	1	1	1	1	1
Russia, . . . . .	5	4	4	3	3	3	8	7	7
Scotland, . . . . .	1	4	3	2	3	5	3	7	8
Sweden, . . . . .	2	2	2	2	2	2	4	4	4
Switzerland, . . . . .	1	1	1	—	—	—	1	1	1
Total foreign, . . . . .	90	118	110	80	104	109	170	222	219
Unknown, . . . . .	5	18	20	2	11	13	7	29	33
Totals, . . . . .	196	196	196	157	157	157	353	353	353



## 4. — Residence of Insane Persons admitted by Commitment.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County, . . .	6	8	14	4	2	6	10	10	20
Bristol County, . . .	112	77	189	30	27	57	142	104	246
Dukes County, . . .	—	1	1	—	1	1	—	2	2
Middlesex County, . . .	—	—	—	—	1	1	—	1	1
Nantucket County, . . .	2	2	4	—	—	—	2	2	4
Norfolk County, . . .	13	11	24	3	3	6	16	15	31
Plymouth County, . . .	33	24	57	2	7	9	35	32	75
Suffolk County, . . .	30	34	64	6	9	15	36	50	89
Totals, . . .	196	157	353	45	50	95	241	207	448
Viz.: cities or towns (10,000 or over), . . .	129	111	240	32	38	70	161	149	310
c o u n t r y districts (under 10,000), . . .	67	46	113	13	12	25	80	58	138

## 5. — Civil Condition of Insane Persons first admitted to Any Hospital.

	Males.	Females.	Totals.
Unmarried, . . . . .	77	57	134
Married, . . . . .	82	67	149
Widowed, . . . . .	30	30	60
Divorced, . . . . .	4	3	7
Totals, . . . . .	193	157	350
Unknown, . . . . .	3	—	3
Totals, . . . . .	196	157	353

## 6. — Occupations of Insane Persons first admitted to Any Hospital.

## MALES.

Bakers, . . . . .	2	Masons, . . . . .	2
Barbers, . . . . .	2	Meat cutter, . . . . .	1
Blacksmith, . . . . .	1	Mechanic, . . . . .	1
Boiler maker, . . . . .	1	Mill operatives, . . . . .	24
Bookkeeper, . . . . .	1	No occupation, . . . . .	29
Britannia worker, . . . . .	1	Painters, . . . . .	5
Bricklayer, . . . . .	1	Physician, . . . . .	1
Carpenters, . . . . .	3	Piano dealer, . . . . .	1
Cigar maker, . . . . .	1	Quarry man, . . . . .	1
Clerks, . . . . .	6	Restaurant keepers, . . . . .	2
Druggist, . . . . .	1	Rope maker, . . . . .	1
Electrician, . . . . .	1	Salesmen, . . . . .	4
Engineers, . . . . .	3	Seaman, . . . . .	1
Expressman, . . . . .	1	Shoe operatives, . . . . .	8
Farmers, . . . . .	12	Steam fitter, . . . . .	1
Firemen, . . . . .	5	Student, . . . . .	1
Fish peddler, . . . . .	1	Tailor, . . . . .	1
Gardeners, . . . . .	2	Tap makers, . . . . .	2
Grocers, . . . . .	3	Teamsters, . . . . .	5
Harness maker, . . . . .	1	Tinsmith, . . . . .	1
Iron worker, . . . . .	1	Waiter, . . . . .	1
Janitors, . . . . .	2	Wood chopper, . . . . .	1
Jewelers, . . . . .	5		
Junk dealer, . . . . .	1	Total, . . . . .	191
Laborers, . . . . .	29	Unknown, . . . . .	5
Laundry men, . . . . .	2		
Machinists, . . . . .	7	Total, . . . . .	196
Manufacturer, . . . . .	1		

6. — Occupations of Insane Persons first admitted, etc. — Concluded.

FEMALES.

Clerks, . . . . .	2	Milliners, . . . . .	2
Cook, . . . . .	1	Music teacher, . . . . .	1
Domestics, . . . . .	28	No occupation, . . . . .	19
Hairdresser, . . . . .	1	Seamstresses, . . . . .	2
Heel factory, . . . . .	1	Student, . . . . .	1
Housekeepers, . . . . .	16	Waitresses, . . . . .	2
Housewives, . . . . .	52	Webbing factory, . . . . .	1
Jewelers, . . . . .	2		
Mill operatives, . . . . .	12		

WIFE OR DAUGHTER OF —

Carpenter, . . . . .	1	Painter, . . . . .	1
Cigar maker, . . . . .	1	Piano business, . . . . .	1
Cloth finisher, . . . . .	1	Safe maker, . . . . .	1
Farmer, . . . . .	1	Ship builder, . . . . .	1
Fisherman, . . . . .	1		
Iron worker, . . . . .	1	Total, . . . . .	157
Laborers, . . . . .	4		

7. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK.			WHEN ADMITTED.			AT FIRST ATTACK.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	15	8	23	—	—	—	—	—	—	—	—	—
15 years and less, . . . . .	—	—	—	—	—	—	2	—	2	—	—	—
From 15 to 20 years, . . . . .	5	3	8	7	5	12	—	1	1	1	—	1
20 to 25 years, . . . . .	14	17	31	18	17	35	4	1	5	2	1	3
25 to 30 years, . . . . .	12	13	25	13	15	28	3	—	3	2	—	2
30 to 35 years, . . . . .	18	17	35	14	14	28	2	4	6	4	1	5
35 to 40 years, . . . . .	19	11	30	24	19	43	5	1	6	3	2	5
40 to 50 years, . . . . .	28	23	51	42	27	69	13	7	20	10	9	19
50 to 60 years, . . . . .	18	16	34	29	22	51	10	6	16	15	7	22
60 to 70 years, . . . . .	17	13	30	18	15	33	7	7	14	11	8	19
70 to 80 years, . . . . .	15	13	28	22	17	39	12	5	17	14	13	27
Over 80 years, . . . . .	5	—	5	7	4	11	3	1	4	6	4	10
Totals, . . . . .	166	134	300	194	155	349	61	33	94	68	45	113
Unknown, . . . . .	30	23	53	2	2	4	7	14	21	—	2	2
Totals, . . . . .	196	157	353	196	157	353	68	47	115	68	47	115
Mean known ages (in years), . . . . .	40.5	39.0	39.7	45.6	40.4	43.0	51.5	52.3	51.9	54.5	59.8	57.2

8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.					
	Males.	Females.	Totals.	HEREDITARY TENDENCY.			NEUROTIC TENDENCY.		
				Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Physical.</i>									
Alcoholic intemperance, . . . . .	33	9	42	2	4	6	1	1	2
Alcoholic intemperance and childbirth, . . . . .	—	1	1	—	—	—	—	—	—
Alcoholic intemperance and heredity, . . . . .	—	1	1	—	1	1	—	—	—
Alcoholic intemperance and syphilis, . . . . .	3	—	3	—	—	—	—	—	—
Arteriosclerosis, . . . . .	1	4	5	—	—	—	—	—	—
Arteriosclerosis and cerebral hemorrhage, . . . . .	2	—	2	—	—	—	—	—	—
Codein, . . . . .	—	1	1	—	—	—	—	—	—
Congenital, . . . . .	13	5	18	2	—	2	1	1	2
Diabetes mellitus, . . . . .	—	1	1	—	—	—	—	—	—
Epilepsy, . . . . .	2	3	5	—	—	—	—	—	—
Exhaustion, . . . . .	—	2	2	—	—	—	—	—	—
Heredity, . . . . .	11	17	28	10	13	23	2	2	4
Heredity and overwork, . . . . .	1	—	1	1	—	1	1	—	1
Influenza and cerebral hemorrhage, . . . . .	1	—	1	—	—	—	1	—	1
Menopause, . . . . .	1	13	13	—	1	1	—	—	—
Opium, . . . . .	—	3	3	—	—	—	—	—	—
Puerperal, . . . . .	—	3	3	—	—	—	—	—	—
Senility, . . . . .	30	29	59	2	2	4	1	1	2
Senility and arteriosclerosis, . . . . .	1	—	1	—	—	—	—	—	—
Surgical operation, . . . . .	7	1	8	—	—	—	—	—	—
Syphilis, . . . . .	3	2	5	2	1	3	—	—	—
Trauma, . . . . .	—	1	1	—	1	1	—	—	—
Typhoid fever and heredity, . . . . .	—	1	1	—	—	—	—	—	—

8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital — Concluded.

EXCITING CAUSES.			ADMITTED.			PREDISPOSING CAUSES.								
			Males.	Females.	Totals.	HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC INTEMPERANCE.		
						Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Mental.</i>														
Domestic worry,	.	.			4						1			
Worry and senility,	.	.			4		1	1						
Worry and overwork,	.	.	2		2									
Totals,	.	.	111	98	209			43	7	7	14	2	4	6
Unknown,	.	.	85	59	144	1	4	5	7	2	9	1	2	3
Totals,	.	.	196	157	353	20	28	48	14	9	23	3	6	9

*9. — Probable Duration of Mental Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital, . . . . .	14	8	22
Under 1 month, . . . . .	27	20	47
From 1 to 3 months, . . . . .	18	19	37
3 to 6 months, . . . . .	10	10	20
6 to 12 months, . . . . .	22	10	32
1 to 2 years, . . . . .	28	18	46
2 to 5 years, . . . . .	30	24	54
5 to 10 years, . . . . .	8	16	24
10 to 20 years, . . . . .	6	8	14
Over 20 years, . . . . .	1	1	2
Totals, . . . . .	164	134	298
Unknown, . . . . .	32	23	55
Totals, . . . . .	196	157	353
Average known duration (in years),	4.7	4.3	4.5



10. — *Form of Mental Disease in Patients committed or discharged, with their Condition on Discharge, or died.*

FORM OF DISEASE.	COMMITTED.			DISCHARGED.						DIED.			TOTAL DISCHARGES AND DEATHS.		
	Males.	Females.	Totals.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			NOT IMPROVED.			Males.	Females.	Totals.
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
A. — First admitted to any hospital: —															
Imbecility, . . . . .	12	6	18	—	—	—	—	—	—	2	1	2	2	1	3
Psychopathic inferiority, . . . . .	2	3	5	—	—	—	—	—	—	1	1	2	1	1	2
Dementia præcox, . . . . .	41	29	70	3	1	4	4	1	5	12	6	18	18	13	31
General paralysis, . . . . .	29	3	32	—	—	—	—	—	—	1	3	4	22	3	25
Organic brain disease, . . . . .	4	5	9	—	—	—	—	—	—	1	1	2	2	2	4
Involution psychosis, . . . . .	2	14	16	—	1	1	—	1	1	4	4	8	2	11	13
Senile dementia, . . . . .	32	30	62	3	9	12	3	1	4	1	1	2	20	14	34
Manic-depressive insanity, . . . . .	9	30	39	—	—	—	2	1	3	1	1	2	10	17	27
Paranoia, . . . . .	—	3	3	—	—	—	1	1	2	1	1	2	2	1	3
Paranoid condition, . . . . .	5	3	8	—	—	—	—	—	—	—	—	—	—	—	—
Epileptic insanity, . . . . .	2	2	4	—	—	—	2	—	2	1	—	1	5	8	13
Alcoholic insanity: —															
Acute, . . . . .	11	5	16	13	3	16	3	1	4	1	1	2	16	4	20
Chronic, . . . . .	18	2	20	—	1	1	2	1	3	—	—	—	2	3	5
Toxic insanity: —															
Chronic, . . . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Codein, acute, . . . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Cocainism, chronic, . . . . .	—	—	—	1	—	1	—	—	—	—	—	—	1	—	1
Opium, chronic, . . . . .	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Morphinism, acute, . . . . .	—	—	—	—	—	—	1	—	1	1	—	—	2	—	2
Acute hallucinosis, . . . . .	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—
Traumatic psychosis, . . . . .	2	2	4	2	—	2	2	—	2	—	—	—	6	—	6
Korsakow's psychosis, . . . . .	1	2	3	—	—	—	—	—	—	2	—	2	2	2	4
Undiagnosed, . . . . .	21	18	39	—	—	—	—	2	—	3	10	13	4	12	16
Acute delirium, . . . . .	2	—	2	1	1	2	—	—	—	—	—	—	1	3	4
Exhaustion psychosis, . . . . .	1	—	1	—	1	1	—	2	—	—	—	—	—	—	—
Neurasthenia, . . . . .	—	—	—	—	—	—	—	—	—	1	—	1	1	—	1
Not insane, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .	196	157	353	24	17	41	17	3	20	16	26	42	123	199	222





## 11. — Discharges of the Insane, classified by Admission and Result, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, .	25	19	44	17	3	20	16	32	48	10	19	29	2	—	2	61	37	98	131	110	241
Second to this hospital,	3	3	6	2	—	2	1	2	3	—	2	2	—	—	—	5	9	14	11	16	27
Third to this hospital,	1	1	2	2	1	3	—	3	3	—	1	1	—	—	—	2	1	3	5	7	12
Fourth to this hospital,	—	1	1	—	—	—	—	2	2	—	1	1	—	—	—	—	—	—	—	4	4
Fifth to this hospital, .	—	—	—	—	—	—	1	—	1	—	1	1	—	—	—	—	—	—	1	1	2
Totals, .	29	24	53	21	4	25	18	39	57	10	24	34	2	—	2	68	47	115	148	138	286
First admitted to any hospital.	24	17	41	17	5	22	14	28	42	9	18	27	2	—	2	56	35	91	122	103	225





Pulmonary œdema, arteriosclerosis and chronic mania,																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</
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## 12. — Cause of Death, and Form of Mental Disease in Persons who died — Concluded.

CAUSE.	ORGANIC BRAIN DISEASE.			MANIC- DEPRESSIVE INSANITY.			ACUTE DELIRIUM.			KORSAKOW'S PSYCHOSIS.			CHRONIC MANIA.			NOT INSANE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Diseases of the Digestive System — Con.</i>																		
Acute enteritis and manic-depressive insanity, . . . . .	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute dysentery and epileptic insanity, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute dysentery and general paralysis, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastritis and involution psychosis, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastritis, lobar pneumonia and organic heart disease, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastritis and manic-depressive insanity, . . . . .	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastritis and senile dementia, . . . . .	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastroenteritis and manic-depressive insanity, . . . . .	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastroenteritis and senile dementia, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastritis and senile dementia, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastroenteritis and dementia præcox, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastroenteritis and general paralysis, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastroenteritis and manic-depressive insanity, . . . . .	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Gastroenteritis and general paralysis, . . . . .	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Gastroenteritis and manic-depressive insanity, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ileocolitis and senile dementia, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Intestinal obstruction and dementia præcox, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Intestinal obstruction and involution psychosis, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of Genito-urinary System.</i>																		
Acute nephritis and senile dementia, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic nephritis and senile dementia, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic pyelonephritis and arteriosclerosis, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .	2	5	7	6	8	14	1	—	1	3	2	5	—	1	1	1	—	1

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered: —												
Under 1 month, . . .	7	3	10	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . .	4	5	9	4	1	5	4	1	5	1	1	2
3 to 6 months, . . .	1	—	1	7	7	14	4	5	9	2	1	3
6 to 12 months, . . .	3	2	5	10	3	13	4	4	8	—	4	4
1 to 2 years, . . .	1	1	2	2	1	3	4	1	5	—	1	3
2 to 5 years, . . .	2	1	3	—	1	1	2	1	3	—	—	—
5 to 10 years, . . .	2	1	3	—	—	—	2	1	3	—	—	—
10 to 20 years, . . .	—	1	1	—	—	—	—	—	—	1	1	—
Over 20 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . .	20	14	34	24	17	41	20	14	34	4	6	10
Unknown, . . .	4	3	7	—	—	—	4	3	7	1	1	2
Totals, . . .	24	17	41	24	17	41	24	17	41	5	7	12
Average of known cases (in months),	12.5	30.9	21.7	7.3	6.05	6.6	19.8	41.2	31.0	29.5	34.0	31.7
										12.0	20.4	16.2

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died — Concluded.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
B. — Died: —												
Under 1 month,	2	1	3	10	7	17	1	—	1	—	1	1
From 1 to 3 months,	7	3	10	11	4	15	—	2	2	—	—	—
3 to 6 months,	7	2	9	4	6	10	3	1	4	—	—	—
6 to 12 months,	6	5	11	9	5	14	5	1	6	1	—	—
1 to 2 years,	12	3	15	10	3	13	12	5	17	—	—	5
2 to 5 years,	12	6	18	8	7	15	19	8	27	6	—	5
5 to 10 years,	3	4	7	2	—	2	5	3	8	2	4	7
10 to 20 years,	1	4	5	1	3	4	3	7	10	—	1	4
Over 20 years,	—	—	—	1	—	1	1	1	2	1	—	1
Totals,	50	28	78	56	35	91	49	28	77	10	12	23
Unknown,	7	7	14	—	—	—	7	7	14	1	—	—
Totals,	57	35	92	56	35	91	56	35	91	11	12	23
Average of known cases (in months),	20.0	44.0	32.0	25.2	30.6	27.4	49.0	76.5	62.7	59.4	44.0	29.8